

PART B - FEE(S) TRANSMITTAL

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7590

11/20/2006

Hughes Electronics Corporation
 Patent Docket Administration
 Bldg. 1, Mail Stop A109
 P.O. Box 956
 El Segundo, CA 90245-0956

02/21/2007 AOS: AN2 00000029 500383 10613824

01 FC:1501 1400.00 DP

02 FC:1501 APPLICATION NO: 00

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Georgann S. Grunebach

(Depositor's name)

(Signature)

February 20, 2007

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10613824	07/03/2003	Mustafa Eroo	PD-203009	6911

TITLE OF INVENTION: METHOD AND SYSTEM FOR ROUTING IN LOW DENSITY PARITY CHECK (LDPC) DECODERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(\$) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/20/2007
EXAMINER		ART UNIT	CLASS-SUBCLASS			
CHAUDRY, MUJTABA M		2133	714-758000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Georgann S. Grunebach

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

The DirecTV Group, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

El Segundo, California US

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies

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☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 50-0383 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date February 20, 2007

Typed or printed name Georgann S. Grunebach

Registration No. 33,179

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Attention: MAIL STOP ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fax: (571) 273-2885

Pages: Cover + 1 + 1 = 3

Date: February 20, 2007

From: Georgann S. Grunebach
Assistant General Counsel

Fax: (310) 964-0941
Phone: (310) 964-4615

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Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Depositor)

February 20, 2007
(Date of Signature)

Attention: Commissioner for Patents, Mail Stop Issue Fee**ISSUE FEE DUE: FEBRUARY 20, 2007**

Please find attached Re:

Attorney Docket No. PD-203009

Serial No.: 10/613,824

Filing Date: July 3, 2003

> PART B – FEE(S) TRANSMITTAL FORM PTOL-85 (1 page in duplicate)**The DirecTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo, California 90245**